

DIN EN 13012:2012-09 (E)

Petrol filling stations - Construction and performance of automatic nozzles for use on fuel dispensers

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	5
4	Construction	6
4.1	General	6
4.2	Guard	7
4.3	Inlet threads	7
4.4	Safe break	7
4.5	Latch	7
4.6	Automatic de-activating mechanism	7
5	Physical properties	8
6	Functional requirements	8
7	Frequency of testing	9
8	Marking	10
Annex A (normative)	Test preconditioning	11
A.1	General	11
A.2	Bending moment preconditioning	11
A.3	Fuel compatibility pre-conditioning	11
Annex B (normative)	Test methods	12
B.1	Electrical resistance test	12
B.2	Pressure test	12
B.3	Drop test	12
B.4	Tightness test	12
B.5	Automatic shut-off device test 1	13
B.6	Drain test	13
B.7	Attitude device test 1	13
B.8	Attitude device test 2	14
B.9	Automatic de-activating mechanism test	14
B.10	Line shock generated test	15
B.11	Tightness test	15
B.12	Automatic shut-off device test 2	15
B.13	Attitude device test 3	15
Annex C (informative)	Environmental aspects	18
Annex ZA (informative)	Clauses of this European Standard addressing essential requirements or other provisions of EU Directives	20